

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/01074

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7<sup>0</sup> H04Q3/00 H04Q11/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7<sup>0</sup> H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 84790 A (NORTEL NETWORKS LTD) 8 November 2001 (2001-11-08) abstract page 2, line 16 -page 6, line 4 page 8, line 6-23 figures 3-8	1-24
A	US 2001/030968 A1 (HALLENSTAL MAGNUS ET AL) 18 October 2001 (2001-10-18) page 7, left-hand column, paragraphs 80,81 page 18, right-hand column, paragraphs 160,161 figures 17A-17B	1-24



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

14 July 2003

Date of mailing of the international search report

24/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Gijssels, W

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Int

Application No

PCT/JP 03/01074

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0184790	A	08-11-2001	AU 6122101 A	12-11-2001
			CA 2408119 A1	08-11-2001
			WO 0184790 A1	08-11-2001
<hr/>				
US 2001030968	A1	18-10-2001	WO 02058348 A2	25-07-2002
			US 2002131429 A1	19-09-2002
			US 2002122426 A1	05-09-2002
			US 2002122414 A1	05-09-2002
			US 2002131430 A1	19-09-2002
			US 2002126676 A1	12-09-2002
			AU 6195000 A	30-01-2001
			BR 0012409 A	12-03-2002
			CN 1379941 T	13-11-2002
			EP 1201063 A1	02-05-2002
			WO 0105108 A1	18-01-2001
			US 2003053463 A1	20-03-2003
			US 2001036158 A1	01-11-2001
			US 2001036177 A1	01-11-2001
			US 2002003794 A1	10-01-2002
			US 2002051443 A1	02-05-2002
<hr/>				